

RESOLUTION NO. 2012-116

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING
CITY MANAGER TO EXECUTE TASK ORDER NO. 24 WITH
TREADWELL & ROLLO AND PROFESSIONAL SERVICE
AGREEMENT WITH ECOGREEN HYDRO SOLUTIONS FOR
CITYWIDE GROUNDWATER MODELING AND ANALYSIS, AND
FURTHER APPROPRIATING FUNDS

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WHEREAS, management of the City's groundwater resources has become increasingly complex and important, and in September 2012, the City will start up the surface water treatment plant that will reduce groundwater extraction by 7,000 acre feet per year or more than 40 percent below current levels; and

WHEREAS, in 2008, Treadwell & Rollo prepared a groundwater flow and contaminant transport model (model) that has been used to predict the movement of volatile organic compounds (VOC), such as PCE, within the Central Plume Area; and in February 2012, the City entered into a professional services agreement with Applied Remedial Technologies to include DBCP water quality data in the model. Results of that work identified three separate DBCP plumes in the northwest, northeast, and southern areas of the City; and

WHEREAS, as the City brings on line the surface water treatment plant, it is appropriate to establish a new strategy for operation of the City's well field that is focused upon optimized coordination with surface water deliveries and the containment and/or treatment of the DBCP and VOC plumes that are present in the groundwater beneath the City; and

WHEREAS, the services of Treadwell & Rollo and EcoGreen Hydro Solutions (formerly Applied Remedial Technologies) will expand the model to include the Central, Southern, Western and Northern VOC plumes and the three DBCP plumes. The model will be used to simulate the migration of the plumes under various well field pumping scenarios and to optimize locations for monitoring wells in the Northern, Southern, and Western plume areas.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby authorize the City Manager to execute Task Order No. 24 in the amount of \$37,780 with Treadwell & Rollo, of Oakland, California, and a Professional Services Agreement in the amount of \$45,340 with EcoGreen Hydro Solutions, of Sunnyvale, California, for citywide groundwater modeling and analysis; and

BE IT FURTHER RESOLVED that funds in the amount of \$100,000 be appropriated from the PCE/TCE Rates Fund.

Dated: August 1, 2012

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I hereby certify that Resolution No. 2012-116 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 1, 2012, by the following vote:

AYES: COUNCIL MEMBERS – Hansen, Johnson, Katzakian, Nakanishi, and Mayor Mounce

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


RANDI JOHL
City Clerk